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NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	DEC 01	ChemPort single article sales feature unavailable
NEWS	3	JUN 01	CAS REGISTRY Source of Registration (SR) searching enhanced on STN
NEWS	4	JUN 26	NUTRACEUT and PHARMAML no longer updated
NEWS	5	JUN 29	IMSCOPROFILE now reloaded monthly
NEWS	6	JUN 29	EFFULL adds Simultaneous Left and Right Truncation (SLART) to AB, MCLM, and TI fields
NEWS	7	JUL 09	PATDPAFULL adds Simultaneous Left and Right Truncation (SLART) to AB, CLM, MCLM, and TI fields
NEWS	8	JUL 14	USGENE enhances coverage of patent sequence location (PSL) data
NEWS	9	JUL 27	CA/CAPLUS enhanced with new citing references
NEWS	10	JUL 16	GBFULL adds patent backfile data to 1855
NEWS	11	JUL 21	USGENE adds bibliographic and sequence information
NEWS	12	JUL 28	EFFULL adds first-page images and applicant-cited references
NEWS	13	JUL 28	INPADOCDB and INPAFAMDB add Russian legal status data
NEWS	14	AUG 10	Time limit for inactive STN sessions doubles to 40 minutes
NEWS	15	AUG 18	COMPENDEX indexing changed for the Corporate Source (CS) field
NEWS	16	AUG 24	ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced
NEWS	17	AUG 24	CA/CAPLUS enhanced with legal status information for U.S. patents
NEWS	18	SEP 09	50 Millionth Unique Chemical Substance Recorded in CAS REGISTRY
NEWS	19	SEP 11	WPIDS, WPINDEX, and WPIX now include Japanese FTERM thesaurus
NEWS EXPRESS	MAY 26 09	CURRENT WINDOWS VERSION IS V8.4, AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.	
NEWS HOURS	STN Operating Hours Plus Help Desk Availability		
NEWS LOGIN	Welcome Banner and News Items		

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FILE 'HOME' ENTERED AT 15:20:42 ON 21 SEP 2009

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
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STRUCTURE FILE UPDATES: 20 SEP 2009 HIGHEST RN 1185847-75-9  
DICTIONARY FILE UPDATES: 20 SEP 2009 HIGHEST RN 1185847-75-9

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

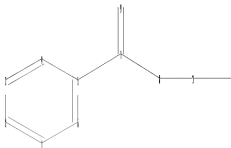
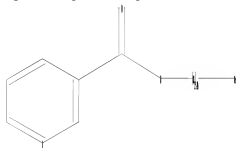
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=>

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chain nodes :  
7 8 9 10 11  
ring nodes :  
1 2 3 4 5 6  
chain bonds :  
5-7 7-8 7-9 8-11 10-11  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6  
exact/norm bonds :  
7-8 7-9  
exact bonds :  
5-7 8-11 10-11  
normalized bonds :  
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isolated ring systems :  
containing 1 :

Match level :

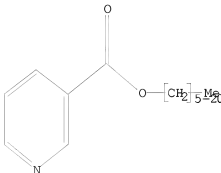
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS  
11:CLASS

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 15:21:11 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 579 TO ITERATE

100.0% PROCESSED 579 ITERATIONS

8 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 10137 TO 13023

PROJECTED ANSWERS: 8 TO 329

L2 8 SEA SSS SAM L1

=> s l1 sss full

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DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 15:21:17 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 11790 TO ITERATE

100.0% PROCESSED 11790 ITERATIONS

210 ANSWERS

SEARCH TIME: 00.00.01

L3 210 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

185.88

186.10

FILE 'CAPLUS' ENTERED AT 15:21:20 ON 21 SEP 2009  
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FILE COVERS 1907 - 21 Sep 2009 VOL 151 ISS 13  
FILE LAST UPDATED: 20 Sep 2009 (20090920/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2009  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2009

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

The ALL, BIB, MAX, and STD display formats in the CA/Caplus family of databases have been updated to include new citing references information. This enhancement may impact record import into database management software. For additional information, refer to NEWS 9.

=> s l3

L4 275 L3

=> s l3 and hair

275 L3

75843 HAIR

6039 HAIRS

78545 HAIR

(HAIR OR HAIRS)

L5 14 L3 AND HAIR

=> d ibib abs hitstr l4

L5 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1988:118717 CAPLUS

DOCUMENT NUMBER: 108:118717

ORIGINAL REFERENCE NO.: 108:19361a,19364a

TITLE: Hair tonics containing Minoxidil and accelerators of transdermal absorption

INVENTOR(S): Hori, Mitsuhiro; Yamanaka, Naoko; Sato, Susumu; Watanabe, Shigeyuki

PATENT ASSIGNEE(S): Nitto Electric Industrial Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokyo Koho, 7 pp.

DOCUMENT TYPE: CODEN: JKXXAF  
 LANGUAGE: Patent  
 FAMILY ACC. NUM. COUNT: 1 Japanese  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 62230710	A	19871009	JP 1986-74646	19860331
JP 07002628	B	19950118		

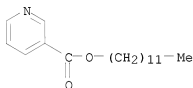
PRIORITY APPLN. INFO.: JP 1986-74646 19860331

AB A hair tonic contains Minoxidil and  $\geq 1$  transdermal absorption accelerator selected from the group consisting of (1) C7-15 alcs., (2) C5-30 aliphatic hydrocarbons which may contain halogen substituents, (3) C13-24 aliphatic carboxylic acid alkyl esters, (4) N-alkylmorpholine, (5) C4-10 dicarboxylic acid C1-3 alc. diesters, (6) lactams, (7) nicotinic acid esters, (8) alkylene glycol and aliphatic carboxylic acid monoesters, (9) 1-alkyl-2-pyrrolidone-5-carboxylic acid aliphatic hydrocarbon esters, (10) glycerin C10-18 carboxylic acid monoesters, (11) proline esters or N-alkylproline esters, and (12) cineol. Transdermal absorption of Minoxidil in the presence of 20 accelerators was demonstrated in rats which were topically treated with formulations containing EtOH 44.5, H<sub>2</sub>O 44.5, Minoxidil 1, and one of the 20 accelerators 10% by weight

IT 3612-78-0, Lauryl nicotinate  
 RL: BIOL (Biological study)  
 (hair tonic containing Minoxidil and)

RN 3612-78-0 CAPLUS

CN 3-Pyridinecarboxylic acid, dodecyl ester (CA INDEX NAME)



=> d ibib abs hitstr 13

L5 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1988:576083 CAPLUS

DOCUMENT NUMBER: 109:176083

ORIGINAL REFERENCE NO.: 109:29091a, 29094a

TITLE: Hair growth stimulants containing pyridinopyrimidine derivatives and nicotines

INVENTOR(S): Grolier, Jean Francois

PATENT ASSIGNEE(S): Oreal S. A., Fr.

SOURCE: Ger. Offen., 6 pp.  
 CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3729953	A1	19880317	DE 1987-3729953	19870907
DE 3729953	C2	19961031		

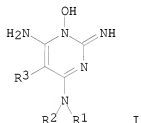
CA 1294883	C	19920128	CA 1987-546026	19870903
AT 400671	B	19960226	AT 1987-2241	19870904
SE 8703461	A	19880309	SE 1987-3461	19870907
SE 504489	C2	19970224		
AU 8778102	A	19880310	AU 1987-78102	19870907
AU 609055	B2	19910426		
FR 2603482	A1	19880311	FR 1987-12392	19870907
FR 2603482	B1	19911004		
NL 8702110	A	19880405	NL 1987-2110	19870907
NL 193980	B	20001201		
NL 193980	C	20010403		
ES 2008735	A6	19890801	ES 1987-2574	19870907
CH 673391	A5	19900315	CH 1987-3434	19870907
DK 8704686	A	19880309	DK 1987-4686	19870908
DK 173080	B1	19991220		
GB 2194734	A	19880316	GB 1987-21105	19870908
GB 2194734	B	19910327		
JP 63068515	A	19880328	JP 1987-223190	19870908
JP 2613222	B2	19970521		
BE 1001047	A5	19890620	BE 1987-1009	19870908
			LU 1986-86574	A 19860908

PRIORITY APPLN. INFO.:

OTHER SOURCE(S):

MARPAT 109:176083

GI

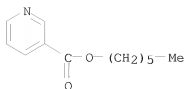


AB The title hair growth stimulant contains  $\geq 1$  nicotines (I) and a pyrimidine derivative (II; R1 = H, alkyl, alkyl, alkenyl, alkylaryl, cycloalkyl, NR1R2 = optionally alkyl or a alkoxy substituted pyrrolidinyl, piperidinyl, hexahydroazepinyl, heptamethyleneimine, octamethyleneimine, morpholine, lower alkyl piperazidinyl; R3 = alkyl, alkenyl, alkylalkoxy, cycloalkyl, aryl, aryalkyl, alkylarylalkyl, alkoxyaryalkyl, or haloarylalkyl). I have a vasodilating and stimulating effect on the skin, but I themselves are not effective hair growth stimulants. A synergistic combination of I and II leads to a fast stimulation of hair growth and requires at the same time smaller amts. of II. A hair growth stimulant lotion contained Me nicotinate 0.2, II (NR1R2 = piperidine, R3 = H) 1.0, EtOH 40.5, and H2O 100.0 g. After 1 mo of treatment the ratio A/T of hair in the anagenetic phase (A) and hair in the telogenetic phase had increased by 30%.

IT 23597-82-2, Hexyl nicotinate  
RL: BIOL (Biological study)  
(hair growth stimulants containing piperidinopyrimidine and)

RN 23597-82-2 CAPLUS

CN 3-Pyridinecarboxylic acid, hexyl ester (CA INDEX NAME)



=> d ibib abs hitstr 14

L5 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1988:118717 CAPLUS

DOCUMENT NUMBER: 108:118717

ORIGINAL REFERENCE NO.: 108:19361a,19364a

TITLE: Hair tonics containing Minoxidil and

accelerators of transdermal absorption

INVENTOR(S): Hori, Mitsuhiro; Yamanaka, Naoko; Sato, Susumu;

Watanabe, Shigeyuki

PATENT ASSIGNEE(S): Nitto Electric Industrial Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 62230710	A	19871009	JP 1986-74646	19860331
JP 07002628	B	19950118		

PRIORITY APPLN. INFO.: JP 1986-74646 19860331

AB A hair tonic contains Minoxidil and  $\geq 1$  transdermal absorption accelerator selected from the group consisting of (1) C7-15 alcs., (2) C5-30 aliphatic hydrocarbons which may contain halogen substituents, (3) C13-24 aliphatic carboxylic acid alkyl esters, (4) N-alkylmorpholine, (5) C4-10 dicarboxylic acid C1-3 alc. diesters, (6) lactams, (7) nicotinic acid esters, (8) alkylene glycol and aliphatic carboxylic acid monoesters, (9) 1-alkyl-2-pyrrolidone-5-carboxylic acid aliphatic hydrocarbon esters, (10) glycerin C10-18 carboxylic acid monoesters, (11) proline esters or N-alkylproline esters, and (12) cineol. Transdermal absorption of Minoxidil in the presence of 20 accelerators was demonstrated in rats which were topically treated with formulations containing EtOH 44.5, H<sub>2</sub>O 44.5, Minoxidil 1, and one of the 20 accelerators 10% by weight

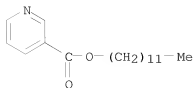
IT 3612-78-0, Lauryl nicotinate

RL: BIOL (Biological study)

(hair tonic containing Minoxidil and)

RN 3612-78-0 CAPLUS

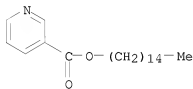
CN 3-Pyridinecarboxylic acid, dodecyl ester (CA INDEX NAME)



=> d ibib abs hitstr 12

L5 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN  
ACCESSION NUMBER: 1990:25375 CAPLUS  
DOCUMENT NUMBER: 112:25375  
ORIGINAL REFERENCE NO.: 112:4333a,4336a  
TITLE: Hair tonics containing pentadecanol  
nicotinate  
INVENTOR(S): Nakaguchi, Osamu  
PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan  
SOURCE: PCT Int. Appl., 8 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 8905626	A1	19890629	WO 1988-JP1289	19881221
W: US				
RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
EP 346490	A1	19891220	EP 1989-900872	19881221
EP 346490	B1	19930407		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
AT 87820	T	19930415	AT 1989-900872	19881221
JP 01250310	A	19891005	JP 1988-325491	19881222
US 5025026	A	19910618	US 1989-400118	19890821
PRIORITY APPLN. INFO.:			JP 1987-329227	A 19871224
			EP 1989-900872	A 19881221
			WO 1988-JP1289	A 19881221
AB	A hair tonic contains nicotinate n-pentadecanol ester, which has an excellent hair growth promoting effect. This tonic is prepared by mixing the nicotinate with a base of an emulsion, cream, lotion, tonic or the like in a conventional manner.			
IT	124424-97-1 RL: BIOL (Biological study) (hair tonics containing)			
RN	124424-97-1 CAPLUS			
CN	3-Pyridinecarboxylic acid, pentadecyl ester (CA INDEX NAME)			



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD  
(2 CITINGS)  
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

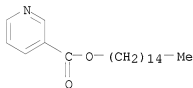
=> d ibib abs hitstr 12

L5 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN  
ACCESSION NUMBER: 1990:25375 CAPLUS



DOCUMENT NUMBER: 112:25375  
 ORIGINAL REFERENCE NO.: 112:4333a,4336a  
 TITLE: Hair tonics containing pentadecanol  
 nicotinate  
 INVENTOR(S): Nakaguchi, Osamu  
 PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan  
 SOURCE: PCT Int. Appl., 8 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8905626	A1	19890629	WO 1988-JP1289	19881221
W: US				
RM: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
EP 346490	A1	19891220	EP 1989-900872	19881221
EP 346490	B1	19930407		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
AT 87820	T	19930415	AT 1989-900872	19881221
JP 01250310	A	19891005	JP 1988-325491	19881222
US 5025026	A	19910618	US 1989-400118	19890821
PRIORITY APPLN. INFO.:			JP 1987-329227	A 19871224
			EP 1989-900872	A 19881221
			WO 1988-JP1289	A 19881221
AB	A hair tonic contains nicotinate n-pentadecanol ester, which has an excellent hair growth promoting effect. This tonic is prepared by mixing the nicotinate with a base of an emulsion, cream, lotion, tonic or the like in a conventional manner.			
IT	124424-97-1			
RL:	BIOL (Biological study) (hair tonics containing)			
RN	124424-97-1 CAPLUS			
CN	3-Pyridinecarboxylic acid, pentadecyl ester (CA INDEX NAME)			



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD  
 (2 CITINGS)  
 REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

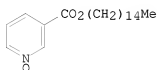
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L5 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN  
 ACCESSION NUMBER: 1993:168994 CAPLUS  
 DOCUMENT NUMBER: 118:168994  
 ORIGINAL REFERENCE NO.: 118:28985a,28988a  
 TITLE: Preparation of n-pentadecyl nicotinate oxide as a  
 hair growth stimulant  
 INVENTOR(S): Nakaguchi, Osamu  
 PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan

SOURCE: Eur. Pat. Appl., 5 pp.  
 DOCUMENT TYPE: CODEN: EPXXDW  
 LANGUAGE: Patent  
 FAMILY ACC. NUM. COUNT: English  
 PATENT INFORMATION: 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 515982	A1	19921202	EP 1992-108579	19920521
EP 515982	B1	19950419		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, PT, SE				
JP 05140110	A	19930608	JP 1992-128784	19920521
JP 3092748	B2	20000925		
AT 121390	T	19950515	AT 1992-108579	19920521
US 5256678	A	19931026	US 1992-886803	19920522
CA 2069589	A1	19921128	CA 1992-2069589	19920526
			JP 1991-225433	A 19910527

PRIORITY APPLN. INFO.:  
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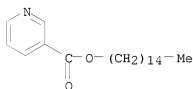


AB Title compound (I) was prepared Thus, nicotinic acid was stirred 8 h with SOC12 in CH2Cl2; HO(CH2)14Me in CH2Cl2 was added and the mixture was stirred 12 h to give n-pentadecyl nicotinate. The latter was stirred with H2O2 in HOAc at 75-85° to give I. I applied topically to shaved rats daily gave observable hair growth over >50% of the shaved area after 16 days.

IT 124424-97-1P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation and N-oxidation of)

RN 124424-97-1 CAPLUS

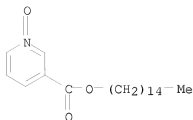
CN 3-Pyridinecarboxylic acid, pentadecyl ester (CA INDEX NAME)



IT 146459-71-4P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of, as hair restorer)

RN 146459-71-4 CAPLUS

CN 3-Pyridinecarboxylic acid, pentadecyl ester, 1-oxide (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
(1 CITINGS)

=> d ibib abs hitstr 10

L5 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1993:197781 CAPLUS

DOCUMENT NUMBER: 118:197781

ORIGINAL REFERENCE NO.: 118:33857a, 33860a

TITLE: Hair growth stimulants containing  
alkoxycarbonylpyridine N-oxides

INVENTOR(S): Suetsugu, Masaru; Fujinuma, Yoshimori; Ishino,  
Akihiro; Nakanishi, Jotaro; Hanzawa, Chika; Fukuda,  
Minoru

PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

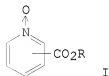
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04364109	A	19921216	JP 1991-32332	19910131
PRIORITY APPLN. INFO.:			JP 1991-32332	19910131

GI



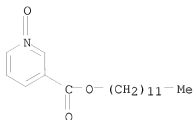
AB Hair growth stimulants, useful for preventing alopecia, contain  
alkoxycarbonylpyridine N-oxides I (R = C2-17 alkyl). A stimulating solution  
contained 2-methoxycarbonylpyridine N-oxide (II) 2.0, 95% EtOH 60.0, H2O  
36.0, and hydrogenated castor oil-ethylene oxide adduct 2.0 weight%.

IT 147044-37-9

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(hair growth stimulants containing)

RN 147044-37-9 CAPLUS

CN 3-Pyridinecarboxylic acid, dodecyl ester, 1-oxide (CA INDEX NAME)

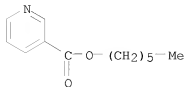


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L5 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN  
 ACCESSION NUMBER: 1993:240452 CAPLUS  
 DOCUMENT NUMBER: 118:240452  
 ORIGINAL REFERENCE NO.: 118:41529a,41532a  
 TITLE: Hair growth stimulant compositions containing pyrimidine derivatives and nicotinic esters  
 INVENTOR(S): Grollier, Jean F.  
 PATENT ASSIGNEE(S): Oreal S. A., Fr.  
 SOURCE: U.S., 6 pp. Cont.-in-part of U.S. 4,968,685.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5157036	A	19921020	US 1990-606154	19901031
US 4968685	A	19901106	US 1987-93709	19870908
PRIORITY APPLN. INFO.:			LU 1986-86574	A 19860908
			US 1987-93709	A2 19870908

OTHER SOURCE(S): MARPAT 118:240452  
 AB A composition comprises a pyrimidine derivative and a C1-6 alkylaryl or tetrahydrofurfuryl nicotinic ester (Markush structure is given). A hair growth stimulant composition contained 6-amino-1,2-dihydro-1-hydroxy-2-imino-4-piperidinopyrimidine 1.0, benzyl nicotinate 0.125, Et alc. 60, and water to 100.0g.  
 IT 23597-82-2, Hexyl nicotinate  
 RL: BIOL (Biological study)  
 (hair growth stimulant composition containing piperidinopyrimidine and)  
 RN 23597-82-2 CAPLUS  
 CN 3-Pyridinecarboxylic acid, hexyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (11 CITINGS)  
 REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

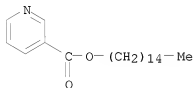
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L5 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN

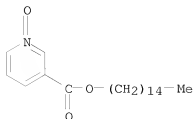
ACCESSION NUMBER: 1994:226515 CAPLUS  
DOCUMENT NUMBER: 120:226515  
ORIGINAL REFERENCE NO.: 120:40041a,40044a  
TITLE: Hair growth stimulant  
INVENTOR(S): Nakaguchi, Osamu; Obata, Katsuyoshi  
PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan  
SOURCE: PCT Int. Appl., 15 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 9324100	A1	19931209	WO 1993-JP670	19930520
W: CA, KR, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
JP 06040857	A	19940215	JP 1993-119624	19930521
JP 3247764	B2	20020121		
PRIORITY APPLN. INFO.:			JP 1992-136972	A 19920528
AB	Hair tonics containing condensation products of collagen protein hydrolyzates and fatty acids. A hair tonic is prepared from condensation products of collagen protein hydrolyzates and fatty acids, optionally, in combination with other hair growth stimulants (e.g. pentadecyl nicotinate) and/or skin periphery blood vessel dilator (e.g. carpronium chloride, vitamin E nicotinate).			
IT	124424-97-1, Pentadecyl nicotinate 146459-71-4, Pentadecyl nicotinate N-oxide			
RL: BIOL (Biological study)	(hair tonic manufacture with protein hydrolyzate condensation products with fatty acids and)			
RN	124424-97-1 CAPLUS			
CN	3-Pyridinecarboxylic acid, pentadecyl ester (CA INDEX NAME)			



RN 146459-71-4 CAPLUS  
CN 3-Pyridinecarboxylic acid, pentadecyl ester, 1-oxide (CA INDEX NAME)



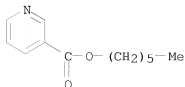
OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
(1 CITINGS)  
REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L5 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:850724 CAPLUS  
DOCUMENT NUMBER: 135:376535  
TITLE: Composition for make-up or skin-care in a powdery form  
containing a particular binder  
INVENTOR(S): Hadasch, Anke; Lemann, Patricia; Simonnet, Jean-tierry  
PATENT ASSIGNEE(S): L'oreal, Fr.  
SOURCE: Eur. Pat. Appl., 21 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: French  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1155676	A2	20011121	EP 2001-401249	20010515
EP 1155676	A3	20021218		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
FR 2808999	A1	20011123	FR 2000-6448	20000519
FR 2808999	B1	20021031		
JP 2002020236	A	20020123	JP 2001-148415	20010517
CN 1331967	A	20020123	CN 2001-122173	20010518
US 20020041854	A1	20020411	US 2001-860567	20010521
PRIORITY APPLN. INFO.:			FR 2000-6448	A 20000519
OTHER SOURCE(S):	MARPAT 135:376535			
AB	A make-up composition contains a powdery phase and a binding phase which a continuous aqueous phase. A binding phase contained iso-Pr myristate 1.64, castor oil 2.46, vaseline oil 12.36, liquid lanolin 1.26, water 70.95, imidazoliny urea 0.3, glycerin 5, Acylglutamate HS-11 0.03, phytantriol 2.97, vaseline 2.28, chlorphenesine 0.25, and polyoxyethylene sorbitan monopalmitate 0.5%. A cosmetic make-up contained talc 77.06, iron oxide 2.74, Nylon powder 10, titanium oxide 1, preservative 0.2, and above binding phase 9%.			
IT	23597-82-2, Hexyl nicotinate RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (composition for make-up or skin-care in powdery form containing particular binder)			
RN	23597-82-2 CAPLUS			
CN	3-Pyridinecarboxylic acid, hexyl ester (CA INDEX NAME)			



OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD

(6 CITINGS)  
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L5 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2009 ACS ON STN  
ACCESSION NUMBER: 2002:844254 CAPLUS  
DOCUMENT NUMBER: 138:226353  
TITLE: Nonaqueous hair styling compositions  
containing polymers  
INVENTOR(S): Cincotta, Joseph J.; Coppola, Linda  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S. Pat. Appl. Publ., 20 pp.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 20020155962	A1	20021024	US 2001-764942	20010117
US 20020155962	A1	20021024	US 2001-764942	20010117
US 6706674	B2	20040316		

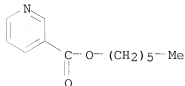
PRIORITY APPLN. INFO.: US 2001-764942 A 20010117

AB A hair styling composition includes a vinyl copolymer and a nonaq. solvent. Another hair styling composition contains a vinyl copolymer, a nonaq. solvent, a urethane copolymer, a polyester and optionally a second nonaq. solvent. Film formers and other additives may be included in the composition. The comps. are applied to the hair. Heat may be used in connection with the application. A method of making the comps. by adding copolymers one at a time and stirring until clear mixts. are obtained after each addition is disclosed. A hair styling lotion contained denatured alc. 20-40, Benzophenone-3 0.2-0.5, pentyleneglycol 5-10, propylene glycol 40-60, cetearyl octanoate 1-5, trimethylpentanediol/adipic acid/glycerin crosslinked polymer 1-3, PVP/VA 5-15, and Dimethicone/IPDI copolymer 1%. [This abstract record is the second of 2 records for this document necessitated by the large number of index entries to fully index the document and publication system constraints].

IT 23597-82-2, Hexylnicotinate  
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)  
(nonaq. hair styling comps. containing polymers)

RN 23597-82-2 CAPLUS

CN 3-Pyridinecarboxylic acid, hexyl ester (CA INDEX NAME)



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L5 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2009 ACS ON STN

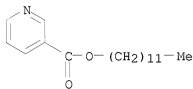
ACCESSION NUMBER: 2004:1036407 CAPLUS  
 DOCUMENT NUMBER: 142:27902  
 TITLE: Hair care and nail care compositions based on ion-pair delivery system for gender and ethnic selective applications  
 INVENTOR(S): Gupta, Shyam K.  
 PATENT ASSIGNEE(S): USA  
 SOURCE: U.S. Pat. Appl. Publ., 8 pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20040241114	A1	20041202	US 2003-250045	20030530
PRIORITY APPLN. INFO.:			US 2003-250045	20030530

AB This invention relates to a novel ion-pair delivery system useful for gender and ethnic background selective hair care and nail care applications in which an electron donor composition and an electron acceptor composition, or a proton donor composition and a proton acceptor composition, or an anionic and a cationic composition, are combined synergistically. The bioavailability, deposition, functional performance, and consumer aesthetics of the compns. thus combined in such ion-pairs are enhanced synergistically. Hair care compns., such as shampoo, conditioner, hair lotion, hair oil, hair gel, hair sheen, hair rinse, hair balm, hair wax, hair spray, and such, and nail care compns., such as nail enamel, nail creams, nail serums, nail lacquers, nail spray, and nail polish, and such, can thus be obtained with synergistically enhanced performance. An example compound was cinnamidopropyltrimonium N-acetylcysteinate, prepared from cinnamidopropyltrimonium chloride and N-acetylcysteine.

IT 3612-78-0  
 RL: COS (Cosmetic use); RCT (Reactant); BIOL (Biological study); RACT (Reactant or reagent); USES (Uses)  
 (hair care and nail care compns. based on ion-pair delivery system for gender and ethnic selective applications)

RN 3612-78-0 CAPLUS  
 CN 3-Pyridinecarboxylic acid, dodecyl ester (CA INDEX NAME)



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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	71.42	257.52
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-9.84	-9.84



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